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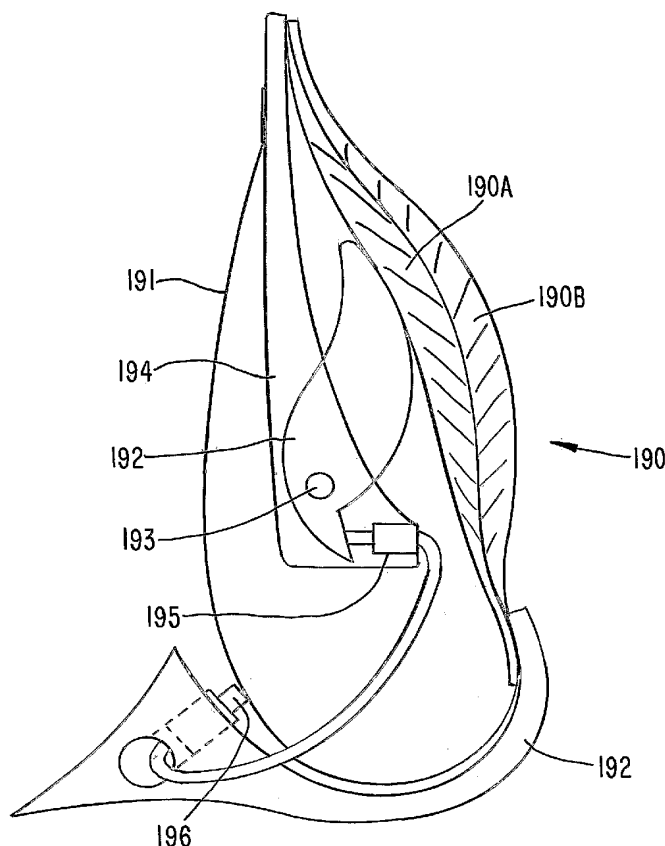
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(54) Title: PROSTHETIC FOOT WITH TUNABLE PERFORMANCE



(57) Abstract: A resilient lower extremity prosthesis comprising a foot, an ankle and a shank above the ankle is provided with an artificial muscle (190) on the shank (191) of the prosthesis for storing energy during force loading of the prosthesis in the active propulsion phase of a person's gait and in the later stages of stance-phase of gait releasing the stored energy to aid propulsion of the person's trailing limb and body.



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